GREEN RIVER AREA OCCUPATIONAL OUTLOOK TO 2005

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PREFACE

The Labor Market Information in this publication is based on a vast array of labor market statistics collected and developed by the staff of the Research and Statistics (R & S) Branch of the Kentucky Department for Employment Services. The Labor Market Information (LMI) Section within the R & S Branch developed the projections and this publication.

The Kentucky Occupational Employment Statistics (OES) survey of Kentucky employers provided the occupational employment data used in this study. This is a statewide survey of approximately 11,000 employers representing the various industries in Kentucky. The employment data used to project industries to the year 2005 were based on the Current Employment Statistics (CES) and the Employment and Wages (ES-202) programs. The projected total growth in each Area Development District (ADD) was based on employment data from 1971 through 1996 developed from the Local Area Unemployment Statistics (LAUS) program. Data from all of the above programs were used to develop the occupational outlook to 2005 publications for each Area Development District listed below.

Purchase Area Buffalo Trace and Gateway Areas

Pennyrile Area FIVCO Area
Green River Area Big Sandy Area
Barren River Area Kentucky River Area
Lincoln Trail Area Cumberland Valley Area
Louisville (KIPDA) Area Lake Cumberland Area

Northern Kentucky Area Bluegrass Area

The projections and this publication are funded by the U. S. Department of Labor (USDOL), Employment and Training Administration. The national industry and occupational projections developed by the U. S. Department of Labor's Bureau of Labor Statistics were used in the process to project Kentucky's industries and occupations. The Bureau of Labor Statistics and the U. S. Department of Commerce, Bureau of Economic Analysis provided additional statistics necessary in the projection process. The personal computer-based model used for the occupational projections was developed by the Utah Department of Economic Security. Special thanks go to the Kentucky employers who completed the questionnaires that provided the employment information necessary for this effort.

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INTRODUCTION

Which jobs will be in demand in the Green River Area from now until the year 2005? Which occupations will provide the most job openings each year through 2005? Which occupations are likely to grow the fastest from 1994 to 2005? The *Green River Area Occupational Outlook to 2005* offers some insight into these questions. Students, job seekers, counselors, employers and others should find this report helpful as a resource for the occupational outlook of the Green River Area through 2005.

This report contains highlights and a user's guide to occupational outlook statistics that provide answers to frequently asked questions about occupational outlook statistics. Also included are tables of the top 50 Green River Area occupations with the most annual job openings and the top 50 fastest-growing Green River Area occupations. The Green River Area Occupational Employment Outlook and Job Openings table beginning on page 9 provides occupational employment projections for these top occupations and many other occupations as well. This table also presents, for each of these occupations, the number and percentage of change in employment and the average number of job openings each year from 1994 through 2005.

While this study provides projections of occupational trends and job openings in the Green River Area, it should be stressed that the estimates are subject to limitations that are a part of any effort to determine future conditions. It is impossible to predict what the Green River Area will look like in 2005. The projections of long-term trends into the future, however, should provide valuable insight into the likely magnitude of occupational growth or decline in the area. The projections have been carefully prepared using accepted methods within a framework of national, state and area assumptions. They will be modified in future publications if long-term changes occur in the area's economic outlook or as more current information becomes available. For a detailed description of the projection methods, assumptions and limitations, please reference pages 49-52 in the **Kentucky Occupational Outlook to 2005**.

The estimates in this report reflect only the <u>demand</u> for labor from 1994 through 2005. The <u>supply</u>, or the number of educated or trained workers available to fill future job openings, is beyond the scope of this report.

With a projected tighter labor market resulting from Kentucky's labor force growing more slowly than employment, along with the structural and technological changes which are taking place in all industries, the development and utilization of our human resources have become a top priority for all those concerned with employment training. Education and training programs that can meet the needs of employers today and in the future will take on even greater importance. To meet this challenge, it is crucial that education and training planners, business, labor, government and job seekers have the necessary occupational information to assist them in making informed, intelligent decisions in the development of these education and training programs as well as individual career choice. This publication was designed to assist users in these tasks.

HIGHLIGHTS

- Green River Area employment is expected to grow from 91,939 to 103,444 between 1994 and 2005, a gain of 12.5 percent.
- Between 1994 and 2005, the total annual job openings are expected to be about 3,050.
- Approximately 2,024 job openings will result from separations from the labor force due to retirement or those who transfer to other jobs.
- Approximately 33 percent of job openings will result from growth and the remaining 67 percent will result from separations from the labor force.
- The greatest number of job openings will be in the Operating, Fabricating and Labor Occupations (578), followed closely by the Service Occupations (576) and the Professional, Paraprofessional and Technical Occupations (510).
- Particular occupations with the greatest percentage of change from 1994 to 2005 in the Green River Area are Personal and Home Care Aides (95.1%) and Systems Analysts (92.3%).
- The largest growth rates between 1994 and 2005 are expected in the Professional, Paraprofessional and Technical Occupations (21.1%), Service Occupations (20.5%) and Marketing and Sales Occupations (19.3%).
- The top two Green River Area occupations with the most annual job openings will be Cashiers (166) and Retail Salespersons (102).

A USER'S GUIDE TO OCCUPATIONAL OUTLOOK STATISTICS

When looking at an occupation, what key outlook data should you review?

- 1) Total average annual job openings and
- 2) Employment change expressed as a percentage

The total number of job openings estimates the likely annual demand for workers in each occupation. The percentage of employment change shows how much each occupation is likely to grow or decline.

What creates job openings?

- 1) Employment growth (new jobs)
- 2) Employment separations (job vacancies created by persons separating from an occupation)

What causes employment change?

Industrial growth or decline has the greatest influence on employment change. Industrial growth occurs when the demand for goods and services rises and, in turn, the demand for workers to produce those goods and services rises.

Technological change can raise the demand for some skills while eliminating the need for others. As this shift is going on, demand in the industry as a whole may be rising or falling.

New ways of doing business such as self service, out-sourcing, or 24-hour operations can affect employment change.

Then what about employment separations?

Employment separations are still important when evaluating an occupation's potential outlook. Job openings are created by persons separating from an occupation because of retirements, promotions into different occupations, career changes, or deaths. In many instances, the number of employment separations exceeds new jobs.

Do workers tend to leave one occupation more than another?

Every occupation has a different rate of employment separations. Those occupations that require much education and training and/or have a high percentage of full-time workers tend to have low separation rates. But occupations that require little education and/or training tend to have higher separation rates.

What factors affect the number of job openings for an occupation?

- 1) The overall size of the occupation: How many workers are employed already?
- 2) The occupation's separation rate: How many job vacancies are created from workers separating from the occupation?
- 3) The occupation's rate of change: How fast is it growing or declining?

Which factor is more important?

Size of employment and separation rate are more important than rate of change in affecting the number of job openings.

What is the best way to compare one occupation with another?

- 1) Look at the total average annual job openings, not just openings resulting from growth. A large number of openings means it should be relatively easy to find a job in that occupation.
- 2) Look at the employment change expressed as a percentage. A high percentage increase in employment means that there may be excellent chances for advancement and for earnings increases because demand is likely to remain strong for some time.

Top 50
Green River Area Occupations With The Most Annual Job Openings

			Job Openings	
			Average Annual	
Occupation			1994 - 2005	
Code	Occupational Title	Growth	<u>Separations</u>	<u>Total</u>
	Executive, Administrative & Managerial			
	Occupations			
19005	General Managers & Top Executives	25	44	69
15026	Food Service & Lodging Managers	11	9	20
13002	Financial Managers	7	8	15
	Professional, Paraprofessional &			
	Technical Occupations			
31305	Teachers, Elementary	21	28	49
32502	Registered Nurses	20	21	41
31308	Teachers, Secondary School	9	24	33
32505	Licensed Practical Nurse	12	12	24
31311	Teachers, Special Education	15	6	21
31521	Teachers Aides, Paraprofessional	11	5	16
	·			
	Marketing & Sales Occupations			
49023	Cashiers	57	109	166
49011	Salesperson, Retail	37	65	102
41002	Marketing & Sales, Supervisors	19	19	38
49021	Stock Clerks, Sales Floor	10	18	28
49017	Counter & Rental Clerks	6	9	15
	Administrative Support Occupations,			
	Clerical			
55347	General Office Clerks	12	37	49
55108	Secretaries, except Legal & Medical	15	28	43
55305	Receptionists & Information Clerks	16	12	28
51002	Clerical Supervisors	10	16	26
53102	Bank Tellers	-12	21	21
55338	Bookkeeping, Accounting, Audit Clerks	-6	20	20
	Service Occupations			
67005	Janitors & Cleaners	37	30	67
66008	Nursing Aides & Orderlies	47	19	66
68038	Child Care Workers	35	10	45
65008	Waiters & Waitresses	33 7	34	45 41
65041	Combined Food Preparation & Service Workers	, 18	15	33
	Guards		10	28
63047 65038		18 15	8	26 23
	Food Preparation Workers			
65032	Cooks, Fast Food	8	13	21
66011	Home Health Aides	14	4	18

Top 50
Green River Area Occupations With The Most Annual Job Openings cont'd

			Job Openings	
			Average Annual	
Occupation			1994 - 2005	
Code	Occupational Title	<u>Growth</u>	<u>Separations</u>	<u>Total</u>
	Service Occupations cont'd			
63014	Police Patrol Officers	7	11	18
65028	Cooks, Institution or Cafeteria	2	14	16
65026	Cooks, Restaurant	6	9	15
	Agriculture, Forestry, Fishing &			
	Related Occupations			
71002	Farmers	-23	57	57
74002	Farm Workers, Except Agriculture Services	-9	17	17
	Precision Production, Craft &			
	Repair Occupations			
87102	Carpenters	21	16	37
85132	Maintenance Repairers, General Utilities	8	23	31
85302	Automotive Mechanics	15	15	30
85110	Industrial Machinery Mechanics	9	19	28
87402	Painters, Paperhangers	11	8	19
81008	First Line Supervisors, Product	0	19	19
89102	Tool & Die Makers	11	7	18
87202	Electricians	3	15	18
	Operators, Fabricators & Laborers			
97102	Truck Drivers, Heavy	9	26	35
97105	Truck Drivers, Light	12	15	27
98902	Hand Packers & Packagers	6	18	24
91905	Plastic Molding Machine Operators/Tenders	8	16	24
97947	Industrial Truck & Tractor Operators	7	14	21
91321	Machine Forming Operators Metal/Plastic	, 7	14	21
	and a summer of the summer of	-		= :

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Top 50
Fastest-Growing Green River Area Occupations

		Total				
		Emp	loyment	<u>Cha</u>	<u>nge</u>	Job Openings
Occupation		<u>Actual</u>	<u>Projected</u>	<u>1994</u>	- <u>2005</u>	Average Annual
Code	Occupation Title	<u>1994</u>	<u>2005</u>	<u>Number</u>	<u>Percent</u>	<u> 1994 - 2005</u>
	Executive, Administrative &					
	Managerial Occupations					
15017	Construction Managers	137	203	66	48.2	9
	Professional, Paraprofessional					
	Technical Occupations					
25102	Systems Analyst	56	106	50	89.3	6
28305	Paralegals	45	78	33	73.3	3
27307	Residential Counselors	143	231	88	61.5	11
32908	Dental Hygienists	70	112	42	60.0	5
27308	Human Services Workers	213	339	126	59.2	16
32308	Physical Therapists	84	128	44	52.4	5
32928	Surgical Technologists	48	72	24	50.0	3
31311	Teachers, Special Education	340	507	167	49.1	21
32911	Medical Records Technician	72	105	33	45.8	4
32314	Speech Pathologists, Audiologist	55	79	24	43.6	3
32508	Emergency Medical Technicians	174	245	71	40.8	9
31302	Teachers, Preschool & Kindergarten	276	377	101	36.6	14
21902	Cost Estimators	79	107	28	35.4	4
31321	Instructors & Coaches, Sports	114	153	39	34.2	5
	Marketing & Sales Occupations					
49005	Sales Representatives,					
	Scientific Products & Services	211	282	71	33.7	11
	Administrative Support					
	Occupations, Clerical					
53123	Adjustment Clerks	194	286	92	47.4	10
53905	Teacher Aides & Education Assistants	386	548	162	42.0	20
55102	Legal Secretaries	122	166	44	36.1	6
	Service Occupations					
68035	Personal & Home Care Aides	82	160	78	95.1	9
66017	Physical & Corrective Therapy Assistants	68	112	44	64.7	6
68014	Amusement & Recreation Attendants	98	159	61	62.2	9
66011	Home Health Aides	265	424	159	60.0	18
66005	Medical Assistants	186	295	109	58.6	13
63017	Correction Officers	144	228	84	58.3	10
66002	Dental Assistants	145	215	70	48.3	10
67008	Pest Controllers & Assistants	63	92	29	46.0	4
68038	Child Care Workers	918	1,307	389	42.4	45
66008	Nursing Aides & Orderlies	1,268	1,782	514	40.5	66
63047	Guards	539	733	194	36.0	28
63032	Sheriffs & Deputy Sheriffs	68	91	23	33.8	3
	1 - A			-		-

Top 50 Fastest-Growing Green River Area Occupations cont'd

	Total					
		Emplo	<u>yment</u>	<u>Cha</u>	nge	Job Openings
Occupation		Actual F	rojected	1994	<u>- 2005</u>	Average Annual
Code	Occupation Title	<u>1994</u>	<u>2005</u>	<u>Number</u>	<u>Percent</u>	<u> 1994 - 2005</u>
	Andre Kons Francis - Fields					
	Agriculture, Forestry, Fishing					
70000	& Related Occupations			0.5	500	
79038	Lawn Maintenance Workers	50	75	25	50.0	3
72002	First Line Supervisors: Agriculture, Forestry, Fish	31	43	12	38.7	2
79806	Veterinary Assistants	28	38	10	35.7	2
	Precision Production, Craft &					
	Repair Occupations					
89311	Cabinetmakers & Bench Carpenters	93	158	65	69.9	8
85902	Heat, A/C, Refrigeration Mechanics	171	263	92	53.8	12
89308	Wood Machinists	55	81	26	47.3	3
87802	Insulation Workers	43	58	15	34.9	2
89102	Tool & Die Makers	351	473	122	34.8	18
87402	Painters & Paperhangers	366	492	126	34.4	19
	Operators, Fabricators &					
•	Laborers					
91502	Numerical Control Machine Operators	88	143	55	62.5	6
91908	Metal Molding Machine Setters/Operators	59	89	30	50.9	5
93111	Electromechanical Equipment Assemblers	36	53	17	47.2	3
91917	Electric Plating Machine Setters/Operators	29	41	12	41.4	2
91911	Metal Molding Machine Operators/Tenders	202	285	83	41.1	14
97114	Taxi Drivers & Chauffeurs	27	38	11	40.7	1
98311	Helpers, Brick & Stone Mason	68	95	27	39.7	4
92714	Textile Bleach & Dye Machine Operator/Tender	26	36	10	38.5	1
97514	Able Seamen	29	40	11	37.9	3
92944	Cutting & Slicing Machine Operator/Tenders	128	175	47	36.7	6

EXPLANATION OF DATA ELEMENTS ON THE OCCUPATIONAL OUTLOOK TABLE



Occupational Employment Outlook And Job Openings

		Emplo	Employment		Change		Job Openings		
Occupational		1994	2005	1994 -	1994 - 2005		Average Annual 1994 - 2005		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	

OCCUPATIONAL CODE & OCCUPATIONAL TITLE

The occupations in this report are based on the National Occupational Employment Statistics (OES) Title & Coding Structure.

EMPLOYMENT 1994 2005

Cocupational employment estimates for 1994 are based on the Occupational Employment Statistics (OES) survey of Kentucky employers, and the projected occupational estimates of employment to 2005 are based on industry projections and projected occupational change factors between 1994 and 2005.

NOTE:

Cocupational employment estimates for 1994 and 2005 include all classes of workers such as public and private wage and salary, agricultural, private household and self-employed.

CHANGE 1994 - 2005

- Number Total number of jobs in an occupation gained or lost over the 1994 to 2005 period.
- Percent Percent change in employment in an occupation over the 11-year projected period.

NOTE:

➤ In Kentucky, the average percent change over the 11-year period for all occupations is 17.3%; therefore, the following general rule applies:

An occupation is expected to experience:

- 1) average growth if percent change is between 15% and 20%.
- 2) very fast growth if > 35%;
- 3) fast growth if > 20% < 35%;
- 4) slow growth if > 5% < 15%;
- 5) very slow growth if > 0% < 5%;
- 6) declining or negative growth if < 0%.

AVERAGE ANNUAL JOB OPENINGS

- The **Growth** column provides estimates of job openings <u>per year</u> in an occupation which is expected to result from employment growth.
- The Separations column provides estimates of job openings per year in an occupation, resulting from workers separating or leaving the occupation, requiring replacement workers. These job openings occur from retirements, promotions or transfers within occupations.
- The **Total** column provides estimates of the total number of job openings expected to be created each year from employment growth (**Growth**), and/or workers leaving the occupation (**Separations**).
- ➤ If employment growth in an occupation is negative (that is, there is a decline in the number of workers employed in that occupation from 1994 to 2005), then "Total" job openings for that occupation will equal the number of "Separations." They are equal because the separation estimate already accounts for the negative employment growth.

Executive, Administrative & Managerial Occupations

		Employment*		Change			Job Openings	
	Occupational	1994	2005	1994-2			e Annual 1994	
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
00000	Total, All Occupations	91,939	103,444	11,505	12.5	1,026	2,024	3,050
10000	Executive, Administrative & Managerial Occupations	5,104	5,820	716	14.0	65	108	173
11000	Managerial & Administrative Occupations	5,104	5,820	716	14.0	65	108	173
13000	Administrative Specialty Managers	1,096	1,241	145	13.2	14	23	37
13002	Financial Managers	424	504	80	18.9	7	8	15
13005	Personnel, Training, & Labor Relations Managers	137	144	7	5.1	1	3	4
13008	Purchasing Managers	100	108	8	8.0	1	2	3
13011	Marketing, Advertising & Public Relations Managers	162	186	24	14.8	2	4	6
13014	Administrative Services Managers	146	155	9	6.2	1	3	4
13017	Engineering, Math, & Natural Sciences Managers	127	144	17	13.4	2	3	5
15000	Line & Middle Management	1,596	1,870	274	17.2	24	34	58
15002	Postmasters & Mail Superintendents	53	50	-3	-5.7	0	1	1
15005	Education Administrators	249	283	34	13.7	3	7	10
15008	Medicine & Health Service Managers	192	230	38	19.8	3	4	7
15011	Property & Real Estate Managers	116	132	16	13.8	1	2	3
15014	Industrial Production Managers	207	235	28	13.5	3	4	7
15017	Construction Managers	137	203	66	48.2	6	3	9
15021	Mining & Related Managers	62	37	-25	-40.3	-2	1	1
15023	Communication, Transportation & Utilities Manager	130	121	-9	-6.9	-1	3	3
15026	Food Service & Lodging Managers	442	568	126	28.5	11	9	20
15032	Lawn Service Managers	*	*	*	*	*	*	*
19000	Other Managers & Administrators	2,412	2,709	297	12.3	27	51	78
19002	Government Chief Executives & Legislatures	*	*	*	*	*	*	*
19005	General Managers & Top Executives	2,105	2,382	277	13.2	25	44	69
19999	All Other Managers & Administrators	282	301	19	6.7	2	6	8

	Occupational	Employ 1994	ment* 2005	Chan 1994-2	_		Job Openings Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number			Separations		
	Total, All Occupations	91,939	103,444	11,505		1,026	2,024	3,050	
	Professional, Paraprofessional, Technical Occupations	13,894	16,818	2,924		255	255	510	
21000	Management Support Occupations	1,599	1,797	198		19	31	50	
21100	Accountants, Auditors, Financial Specialists	710	786	76		7	12	19	
21102	Underwriters	*	*	*		*	*	*	
21105	Credit Analysts	*	*	*	*	*	*	*	
21108	Loan Officers & Counselors	139	165	26	18.7	2	2	4	
21111	Tax Preparers	47	57	10		1	1	2	
21114	Accountants & Auditors	413	453	40		4	8	12	
21117	Budget Analysts	*	*	*		*	*	*	
21199	All Other Financial Specialists	66	64	-2	-3.0	0	1	1	
21300	Purchasing Agents & Buyers	200	217	17		2	5	7	
21302	Wholesale & Retail Buyers, Except Farm	46	55	9		1	1	2	
21305	Purchasing Agents & Buyers, Farm	32	30	-2		0	1	1	
21308	Purchasing Agents, Except Farm Products	122	132	10		1	3	4	
21500	Personnel Specialists & Related Occupations	284	335	51		4	6	10	
21502	Claims Takers, Unemployment Benefits	*	*	*		*	*	*	
21505	Special Agents, Insurance	*	*	*	*	*	*	*	
21508	Employment Interviewers	77	93	16	20.8	1	2	3	
21511	Personnel, Training & Labor Relations Specialists	193	228	35		3	4	7	
21900	All Other Management Support	405	459	54		6	8	14	
21902	Cost Estimators	79	107	28		3	1	4	
21905	Management Analysts	*	*	*		*	*	*	
21908	Construction & Building Inspectors	34	40	6	17.7	1	1	2	
21911	Inspectors & Compliance Officers, Ex. Construction	103	112	9		1	2	3	
21914	Tax Examiners, Collectors & Revenue Agents	28	28	0		0	1	1	
21917	Assessors	*	*	*		*	*	*	
21921	Claims Examiners, Property & Casualty Insurance	*	*	*	*	*	*	*	
21999	All Other Management Support Workers	140	148	8	5.7	1	3	4	
22000	Engineers & Related Occupations	1,031	1,166	135		11	23	34	
22100	Engineers	524	648	124		11	13	24	
22105	Metallurgists & Related Engineers	35	41	6		1	1	2	
22108	Mining Engineers, Including Mine Safety Engineers	*	*	*		*	*	*	
22111	Petroleum Engineers	*	*	*	*	*	*	*	
22114	Chemical Engineers	*	*	*	*	*	*	*	
22121	Civil Engineers, Including Traffic Engineers	57	67	10	17.5	1	2	3	
22126	Electrical & Electronics Engineers	91	108	17		2	2	4	
22127	Computer Engineers	*	*	*	*	*	*	*	
22128	Industrial Engineers, Except Safety Engineers	69	88	19	27.5	2	2	4	
22132	Safety Engineers, Except Mining	*	*	*	*	*	*	*	
22135	Mechanical Engineers	115	152	37	32.2	3	3	6	
22199	All Other Engineers	84	108	24	28.6	2	2	4	
22301	Architects, Surveyors & Mapping Scientists	58	60	2	3.5	0	1	1	
22302	Architects, Except Landscape & Marine	*	*	*	*	*	*	*	
22308	Landscape Architects	*	*	*	*	*	*	*	
22311	Surveying & Mapping Scientists	30	29	-1	-3.3	0	1	1	
22500	Engineering & Related Technicians & Technologists	449	458	9	2.0	0	9	9	
22502	Civil Engineering Technicians & Technologists	57	58	1	1.8	0	1	1	
22505	Electrical & Electronic Technicians & Technologists	50	55	5	10.0	0	1	1	
22508	Industrial Engineering Technicians & Technologists	*	*	*	*	*	*	*	
22511	Mechanical Engineering Technicians/Technologists	*	*	*	*	*	*	*	

		Employ		Char			Job Openings		
	Occupational	1994	2005	1994-2			e Annual 1994		
Code	Title	Estimated	Projected	Number		Growth	Separations	Total	
22514	Drafters	154	155	1		0	3	3	
22517	Estimators & Drafters, Utilities	13	14	1	7.7	0	0	0	
22521	Surveying & Mapping Technicians	35	24	-11	-31.4	-1	1	1	
22599	All Other Engineering Technicians & Technologists	103	113	10		1	2	3	
24000	Natural Scientists & Related Occupations	249	258	9			5	6	
24100	Physical Scientists	49	49	0	0.0	0	2	2	
24105	Chemists	27	29	2		0	1	1	
24111	Geologists, Geophysicists, Oceanographers	4	4	0	0.0	0	0	0	
24199	All Other Physical Scientists	18	16	-2		0	1	1	
24300	Life Scientists	36	35	-1	-2.8	0	0	0	
24302	Foresters & Conservation Scientists	17	15	-2	-11.8	0	0	0	
24305	Agricultural & Food Scientists	10	11	1	10.0	0	0	0	
24308	Biological Scientists	5	5	0	0.0	0	0	0	
24311	Medical Scientists	3	3	0	0.0	0	0	0	
24399	All Other Life Scientists	1	1	0	0.0	0	0	0	
24500	Physical & Life Science Technicians & Technologists	164	174	10	6.1	1	3	4	
24502	Biological & Agriculture Technicians	18	18	0	0.0	0	0	0	
24505	Chemical Technicians, Except Health	88	89	1	1.1	0	2	2	
24511	Petroleum Technicians & Technologists	1	1	0	0.0	0	0	0	
24599	All Other Science Technicians	57	66	9	15.8	1	1	2	
25000	Computer, Mathematical & Related Occupations	217	291	74	34.1	6	5	11	
25100	Computer Scientists & Related Workers	214	288	74	34.6	6	5	11	
25102	Systems Analysts	56	106	50	89.3	5	1	6	
25103	Database Administrators	7	11	4	57.1	0	0	0	
25104	Computer Support Specialists	46	59	13	28.3	1	1	2	
25105	Computer Programmers	81	81	0	0.0	0	2	2	
25108	Computer Programmer Aides	20	25	5	25.0	0	1	1	
25111	Programmers, Numerical, Tool & Process Control	2	3	1	50.0	0	0	0	
25199	All Other Computer Scientists	2	3	1	50.0	0	0	0	
25301	Mathematical Scientists & Related Workers	3	3	0	0.0	0	0	0	
25302	Operations Research Analysts	1	1	0	0.0	0	0	0	
25313	Actuaries	1	1	0	0.0	0	0	0	
25319	Mathematicians & All Other Math Scientists	1	1	0	0.0	0	0	0	
27000	Social Scientists, Recreation, Religion Occupations	1,370	1,806	436	31.8	38	27	65	
27100	Social Scientists	79	95	16	20.3	1	1	2	
27102	Economists	8	10	2	25.0	0	0	0	
27105	Urban & Regional Planners	9	12	3	33.3	0	0	0	
27108	Psychologists	54	65	11	20.4	1	1	2	
27199	All Other Social Scientists	8	8	0			0	0	
27200	Social, Recreational & Religious Workers	1,291	1,711	420	32.5	37	26	63	
27302	Social Workers, Medical & Psychiatric	204	247	43	21.1	4	4	8	
27305	Social Workers, Except Medical & Psychiatric	200	247	47		4	4	8	
27307	Residential Counselors	143	231	88	61.5	8	3	11	
27308	Human Services Workers	213	339	126	59.2	11	5	16	
27311	Recreation Workers	107	141	34	31.8	3	2	5	
27502	Clergy	363	433	70	19.3	6	7	13	
27505	Directors, Religious Activities & Education	53	64	11	20.8	1	1	2	
27599	All Other Religious Workers	8	9	1	12.5	0	0	0	
28000	Law & Related Occupations	396	520	124	31.3	11	4	15	
28100	Lawyers & Judicial Workers	318	404	86	27.0	8	4	12	
28102	Judges & Magistrates	15	15	0	0.0	0	0	0	
28105	Adjudicators, Hearing Officials & Judicial Reviewers	18	18	0	0.0	0	0	0	
28108	Lawyers	285	371	86	30.2	8	4	12	

		Employment*		Change		Job Openings		
	Occupational	1994	2005	1994-2	005	Averag	e Annual 1994	1-2005
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
28300	Legal Assistants and Technicians, Except Clerical	78	116	38	48.7	3	0	3
28302	Law Clerks	*	*	*	*	*	*	*
28305	Paralegals	45	78	33	73.3	3	0	3
28399	All Other Legal Assistants	*	*	*	*	*	*	*
31000	Teachers, Librarians, & Counselors	4,298	5,247	949	22.1	83	82	165
31100	College, Junior College & University Faculty	252	297	45	17.9	2	6	8
31111	Lecturers	*	*	*	*	*	*	*
31114	Nursing Instructors	35	38	3	8.6	0	1	1
31117	Graduate Assistants, Teaching	*	*	*	*	*	*	*
31202	Life Science Teachers	39	47	8	20.5	1	1	2
31204	Chemistry Teachers	*	*	*	*	*	*	*
31206	Physics Teachers	*	*	*	*	*	*	*
31209	All Other Physical Sciences Teachers	*	*	*	*	*	*	*
31210	Social Sciences Teachers	27	32	5	18.5	0	1	1
31212	Health Specialties Teachers	*	*	*	*	*	*	*
31216	English & Foreign Language Teachers	*	*	*	*	*	*	*
31218	Art, Drama, & Music Teachers	*	*	*	*	*	*	*
31222	Engineering Teachers	*	*	*	*	*	*	*
31224	Mathematical Sciences Teachers	*	*	*	*	*	*	*
31226	Computer Science Teachers	*	*	*	*	*	*	*
31299	All Other Postsecondary Teachers	52	61	9	17.3	1	2	3
31300	Teachers & Instructors	3,359	4,083	724	21.6	66	67	133
31302	Teachers, Preschool & Kindergarten	276	377	101	36.6	9	5	14
31305	Teachers, Elementary	1,303	1,536	233	17.9	21	28	49
31308	Teachers, Secondary School	878	981	103	11.7	9	24	33
31311	Teachers, Special Education	340	507	167	49.1	15	6	21
31314	Teachers & Instructors, Vocational Education	265	315	50	18.9	5	2	7
31317	Instructors, Adult, (Non-Vocational) Education	41	50	9	22.0	1	0	1
31321	Instructors & Coaches, Sports & Physical Training	114	153	39	34.2	4	1	5
31323	Farm & Home Management Advisors	*	*	*	*	*	*	*
31399	All Other Teachers & Instructors	116	139	23	19.8	2	1	3
31400	Librarians, Archivists, Curators, & Related Worker		867	180	26.2	15	9	24
31502	Librarians, Professional	106	111	5	4.7	0	2	2
31505	Technical Assistants, Library	*	*	*	*	*	*	*
31508	Audio-Visual Specialists	*	*	*	*	*	*	*
31511	Curators, Archivists, Museum Technicians/Restorers	*	*	*	*	*	*	*
31514	Counselors	118	153	35	29.7	3	2	5
31517	Instructional Coordinators	55	66	11	20.0	1	0	1
31521	Teacher Aides, Paraprofessional	383	509	126	32.9	11	5	16
32000	Health Practitioners, Technicians & Related Workers		4,789	859	21.9	76	64	140
32101	Health Diagnosing & Treating Occupations	457	563	106	23.2	9	8	17
32102	Physicians	274	348	74	27.0	7	5	12
32105	Dentists	114	131	17	14.9	2	3	5
32108	Optometrists	*	*		* *	*		ф
32111	Podiatrists	*	*	*	* *	*	*	ф Ф
32113	Chiropractors	*	*	*	*	*	*	*
32114	Veterinarians & Veterinary Inspectors		44-		27.0			1,
32300	Therapists Pagainstony Thomasists	323	445	122	37.8	11	5	16
32302	Respiratory Therapists	67 *	87	20	29.9	2	1	3
32305	Occupational Therapists		120		52.4			* _
32308 32314	Physical Therapists Speech Language Pathologists & Audiologist	84 55	128 79	44 24	52.4 43.6	4 2	1 1	5
	Speech-Language Pathologists & Audiologist						1	3
32317	Recreational Therapists	55	71	16	29.1	1	I	

		Employment*		Change		Job Openings		
	Occupational	1994	2005	1994-2			e Annual 1994	1-2005
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
32399	All Other Therapists	42	48	6	14.3	1	1	2
32501	Health Care Maintenance & Treatment Occupations	2,470	2,939	469	19.0	42	41	83
32502	Registered Nurses	1,404	1,620	216	15.4	20	21	41
32505	Licensed Practical Nurses	598	732	134	22.4	12	12	24
32508	Emergency Medical Technicians	174	245	71	40.8	6	3	9
32511	Physician Assistants	*	*	*	*	*	*	*
32514	Opticians, Dispensing & Measuring	40	47	7	17.5	1	1	2
32517	Pharmacists	133	150	17	12.8	2	2	4
32518	Pharmacy Technicians	76	92	16	21.1	1	1	2
32521	Dietitians & Nutritionists	28	31	3	10.7	0	1	1
32523	Dietetic Technicians	*	*	*	*	*	*	*
32901	Health Technicians & Technologists	680	842	162	23.8	14	10	24
32902	Medical & Clinical Laboratory Technologists	112	111	-1	-0.9	0	2	2
32905	Medical & Clinical Laboratory Technicians	75	78	3	4.0	0	1	1
32908	Dental Hygienists	70	112	42	60.0	4	1	5
32911	Medical Records Technicians	72	105	33	45.8	3	1	4
32914	Nuclear Medicine Technologists	*	*	*	*	*	*	*
32917	Radiologic Technologists	93	115	22	23.7	2	1	3
32921	Radiologic Technicians	*	*	*	*	*	*	*
32923	Electroneurodiagnostic Technologists	*	*	*	*	*	*	*
32925	Cardiology Technologists	*	*	*	*	*	*	*
32926	EKG Technicians	*	*	*	*	*	*	*
32928	Surgical Technologists	48	72	24	50.0	2	1	3
32931	Psychiatric Technicians	*	*	*	*	*	*	*
32951	Veterinary Technicians & Technologists	*	*	*	*	*	*	*
32999	All Other Health Professsionals/Paraprofessionals	147	177	30	20.4	3	3	6
34000	Writers, Editors, Artists, Entertainers, & Athletes	612	694	82	13.4	6	10	16
34001	Writers, Editors, Artists, Entertainers, & Athletes	612	694	82	13.4	6	10	16
34002	Writers & Editors	73	75	2	2.7	0	1	1
34005	Technical Writers	*	*	*	*	*	*	*
34008	Public Relations Specialists, Publicity Writers	*	*	*	*	*	*	*
34011	Reporters & Correspondents	40	39	-1	-2.5	0	1	1
34014	Broadcast News Analysts	*	*	*	*	*	*	*
34017	Announcers, Radio & Television	38	50	12	31.6	1	1	2
34021	Announcers, Other	*	*	*	*	*	*	*
34023	Photographers	54	58	4	7.4	0	1	1
34026	Camera Operators, TV, Motion Picture, & Video	*	*	*	*	*	*	*
34028	Broadcast Technicians	*	*	*	*	*	*	*
34032	Film Editors	*	*	*	*	*	*	*
34035	Artists & Commercial Artists	31	31	0	0.0	0	1	1
34038	Designers, Except Interior Designers	80	93	13	16.3	1	1	2
34041	Interior Designers	*	*	*	*	*	*	*
34044	Merchandise Displayers & Window Dressers	*	*	*	*	*	*	*
34047	Music Director, Singers & Related Musicians	78	94	16	20.5	1	1	2
34051	Musicians, Instrumental	62	72	10		1	1	2
34053	Dancers & Choreographers	*	*	*	*	*	*	*
34056	Producers, Directors, Actors & Entertainers	*	*	*	*	*	*	*
34058	Athletes, Coaches, Umpires, & Related Workers	28	30	2	7.1	0	1	1
39000	Other Professionals, Paraprofessionals, Technicians	192	250	58	30.2	4	4	8
39001	Other Professionals, Paraprofessionals, Technicians	192	250 250	58		1 4	4	8
39008	Radio Operators	*	*	*	*	*	*	*
39011	Funeral Directors & Morticians	46	51	5	10.9	0	1	1
39014	Embalmers	*	*	*	*	*	*	*
39999	All Other Professionals, Paraprofessionals, Tech.	128	177	49	38.3	4	3	7
37777	7 m other recessionars, raraprofessionars, recti.	120	1 / /		50.5		3	

Marketing & Sales Occupations

			ment*	Char	_		Job Openings		
	Occupational	1994	2005	1994-2			Annual 1994		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	
0000	Total, All Occupations	91,939	103,444	11,505	12.5	1,026	2,024	3,050	
4000	Marketing & Sales Occupations	9,659	11,521	1,862	19.3	168	278	446	
4100	Marketing & Sales, Supervisors	1,059	1,271	212	20.0	19	19	38	
4100	Marketing & Sales, Supervisors	1,059	1,271	212	20.0	19	19	38	
4100	2 Marketing & Sales, Supervisors	1,059	1,271	212	20.0	19	19	38	
4300	Marketing & Sales, Services	1,015	1,191	176	17.3	15	19	34	
4300	Marketing & Sales, Services	1,015	1,191	176	17.3	15	19	34	
4300	2 Insurance Sales Workers	185	197	12	6.5	1	3	4	
4300	Brokers, Real Estate	195	248	53	27.2	5	4	9	
4300	Sales Agents, Real Estate	385	457	72	18.7	7	7	14	
4301	Real Estate Appraisers	45	49	4	8.9	0	1	1	
4301	4 Securities & Financial Services, Sales	*	*	*	*	*	*	*	
4301	Sales Agents, Selected Business Services	87	101	14	16.1	1	2	3	
4302	8	*	*	*	*	*	*	*	
4302	8, 8	62	66	4		0	2	2	
4309	All Other Sales Representatives & Services	*	*	*	*	*	*	*	
4900	All Other Sales, Total	7,585	9,059	1,474	19.4	134	240	374	
4900	All Other Sales	7,585	9,059	1,474	19.4	134	240	374	
4900	2 Sales Engineers	*	*	*		*	*	*	
4900	Sales Representatives, Scientific Products/Services	211	282	71		6	5	11	
4900	, ,	719	824	105		10	18	28	
4901		2,168	2,572	404		37	65	102	
4901		182	215	33		3	5	8	
4901		314	384	70		6	9	15	
4902	*	942	1,050	108		10	18	28	
4902		2,689	3,311	622		57	109	166	
4902		178	204	26		2	4	6	
4903	· · · · · · · · · · · · · · · · · · ·	*	*	*		*	*	*	
4999	All Other Sales & Related Workers	147	176	29	19.7	3	5	8	

	Occupational	Employ 1994	ment* 2005	Chang 1994-20		Job Openings Average Annual 1994-2005		
Code	Title	Estimated	Projected	Number			Separations	Total
00000	Total, All Occupations	91,939	103,444	11,505	12.5	1,026	2,024	3,050
50000	Administrative Support Occupations, Clerical	12,011	12,770	759	6.3	72	239	311
51000	Administrative Support, Supervisors	616	727	111	18.0	10	16	26
51001	Administrative Support, Supervisors	616	727	111	18.0	10	16	26
51002	Clerical Supervisors & Managers	616	727	111	18.0	10	16	26
53000	Industry Specific Support Occupations	2,123	2,279	156	7.4	14	46	60
53100	Bank, Security, Finance, Credit	990	957	-33	-3.3	-4	27	27
53102	Bank Tellers	542	413	-129	-23.8	-12	21	21
53105	New Accounts Clerks, Banking	81	86	5	6.2	0	2	2
53108	Transit Clerks	*	*	*	*	*	*	*
53111	Loan Interviewers	*	*	*	*	*	*	*
53114	Credit Authorizers	*	*	*	*	*	*	*
53117	Credit Checkers	*	*	*	*	*	*	*
53121	Loan & Credit Clerks	122	125	3	2.5	0	2	2
53123	Adjustment Clerks	194	286	92	47.4	8	2	10
53126	Statement Clerks	*	*	*	*	*	*	*
53128	Brokerage Clerks	*	*	*	*	*	*	*
53300	Selected Insurance Workers	143	156	13	9.1	1	2	3
53302	Insurance Adjusters, Examiners & Investigators	37	41	4	10.8	0	0	0
53305	Insurance Appraisers, Auto Damage	*	*	*	*	*	*	*
53308	Insurance Examining Clerks	*	*	*	*	*	*	*
53311	Insurance Claims Clerks	48	59	11	22.9	1	1	2
53314	Insurance Policy Processing Clerks	53	51	-2	-3.8	0	1	1
53500	Investigative & Related Workers	267	283	16	6.0	2	3	5
53502	Welfare Eligibility Workers & Interviewers	132	118	-14	-10.6	-1	2	2
53505	Investigators, Clerical	*	*	*	*	*	*	*
53508	Bill & Account Collectors	133	163	30	22.6	3	1	4
53700	Court, Municipal, & License Clerks	117	128	11	9.4	1	1	2
53702	Court Clerks	63	70	7	11.1	1	1	2
53705	Municipal Clerks	*	*	*	*	*	*	*
53708	License Clerks	35	39	4	11.4	0	0	0
53800	Lodging & Travel Workers	104	88	-16	-15.4	-1	4	4
53802	Travel Clerks	*	*	*	*	*	*	*
53805	Reservation & Transportation Ticket Agents	*	*	*	*	*	*	*
53808	Hotel Desk Clerks	92	76	-16	-17.4	-1	4	4
53900	Other Industry Specific Workers	502	667	165	32.9	15	9	24
53902	Library Assistants & Bookmobile Drivers	101	104	3	3.0	0	4	4
53905	Teacher Aides & Educational Assistants	386	548	162	42.0	15	5	20
53908	Advertising Clerks	*	*	*	*	*	*	*
53911	Proofreaders & Copy Markers	*	*	*	*	*	*	*
53914	Real Estate Clerks	*	*	*	*	*	*	*
55000	General Office & Secretarial Occupations	6,423	6,842	419	6.5	40	125	165
55100	Secretaries	1,791	2,021	230	12.8	21	31	52
55102	Legal Secretaries	122	166	44	36.1	4	2	6
55105	Medical Secretaries	85	104	19	22.4	2	1	3
55108	Secretaries, Except Legal & Medical	1,584	1,751	167	10.5	15	28	43
55300	General Office Occupations	4,632	4,821	189	4.1	19	94	113
55302	Stenographers	*	*	*	*	*	*	*
55305	Receptionists & Information Clerks	600	772	172	28.7	16	12	28
55307	Typists, Including Word Processing	214	172	-42	-19.6	-4	2	2

			Employment*		ige	Job Openings		
	Occupational	1994	2005	1994-2			e Annual 1994	
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
55314	Personnel Clerks, Except Payroll & Timekeeping	51	42	-9	-17.7	-1	1	1
55317	Correspondence Clerks	*	*	*	*	*	*	*
55321	File Clerks	139	123	-16	-11.5	-1	5	5
55323	Order Clerks: Materials, Service, & Merchandise	172	181	9	5.2	1	4	5
55326	Procurement Clerks	30	30	0	0.0	0	1	1
55328	Statistical Clerks	*	*	*	*	*	*	*
55332	Interviewing Clerks, Ex Personnel/Social Welfare	75	81	6	8.0	1	2	3
55335	Customer Service Representatives, Utilities	145	160	15	10.3	1	3	4
55338	Bookkeeping, Accounting, Auditing Clerks	1,253	1,186	-67	-5.4	-6	20	20
55341	Payroll & Timekeeping Clerks	114	109	-5	-4.4	0	2	2 5
55344	Billing, Cost & Rate Clerks	192	195	3	1.6	0	5	
55347	General Office Clerks	1,601	1,734	133		12	37	49
56000	Electronic Data Processing & Office Machine	482	442	-40	-8.3	-3	8	8
56001	Electronic Data Processing & Office Machine	482	442	-40		-3	8	8
56002	Billing, Posting, & Calculating Machine Operators	59	18	-41	-69.5	-4	2	2
56005	Duplicating Machine Operators	*	*	*	*	*	*	*
56008	Mail Machine Operators, Preparation & Handling	*	*	*	*	*	*	*
56011	Computer Operators, Except Peripheral Equipment	103	78	-25	-24.3	-2	2	2
56014	Peripheral EDP Equipment Operators	*	*	*		*	*	*
56017	Data Entry Keyers, Except Composing	263	304	41	15.6	4	2	6
56021	Data Entry Keyers, Composing	*	*	*	*	*	*	*
56099	All Other Office Machine Operators	*	*	*	*	*	*	*
57000	Communications, Mail, Distribution Occupations	557	542	-15	-2.7	-1	13	13
57100	Communications Equipment Operators	151	147	-4		0	3	3
57102	Switchboard Operators	127	129	2		0	3	3
57105	Directory Assistance Operators	*	*	*		*	*	*
57108	Central Office Operators	*	*	*	*	*	*	*
57111	Telegraph & Teletype Operators	*	*	*	*	*	*	*
57300	Mail & Message Distribution Workers	406	395	-11	-2.7	-1	10	10
57302	Mail Clerks, Except Mail Machine/Postal Service	34	39	5		0	1	1
57305	Postal Mail Carriers	270	256	-14		-1	7	7
57308	Postal Service Clerks	73	68	-5	-6.9	0	1	1
57311	Messengers	29	32	3	10.3	0	1	1
58000	Material Recording, Scheduling, Distributing	1,670	1,794	124		12	29	41
58001	Material Recording, Scheduling, Distributing	1,670	1,794	124		12	29	41
58002	Dispatchers: Police, Fire, & Ambulance	74	82	8		1	1	2
58005	Dispatchers, Except Police, Fire, & Ambulance	80	92	12		1	1	2
58008	Production, Planning & Expediting Clerks	130	153	23		2 *	2	4 *
58011	Transportation Agents							^
58014	Meter Readers, Utilities	105	75	-30		-3	2	2
58017	Weighers, Measurers, Checkers, Samplers	63	61	-2 *		0	1	1
58021	Marking Clerks							1.4
58023	Stock Clerks: Stockroom, Warehouse, or Yard	558	588	30		3	11	14
58026	Order Fillers, Wholesale & Retail Sales	159	180	21		2	3	5
58028	Traffic, Shipping & Receiving Clerks	432	483	51	11.8	5	7	12
58099	All Other Material Recording & Related	33	35	2		0	1	1
59000 59100	All Other Clerical Occupations All Other Clerical & Administrative Support	140	144	4		0	2	2
59100		140	144	4		0	2	2 2
29999	All Other Clerical & Administrative Support	140	144	4	2.9	0	2	

		Employ		Chan		Job Openings		
Code	Occupational Title	1994 Estimated	2005 Projected	1994-2 Number			e Annual 1994 Separations	
	Total, All Occupations	91,939	103,444	11,505	12.5	1,026	2,024	3,050
60000	Service Occupations	14,399	17,349	2,950	20.5	263	313	576
61000	First Line Supervisors, Service	525	617	92	17.5	7	15	22
61001	First Line Supervisors, Service	525	617	92	17.5	7	15	22
61002	Fire Fighting & Prevention Supervisors	44	49	5	11.4	0	2	2
61005	Police & Detective Supervisors	55	60	5	9.1	0	2	2
61008	Institutional Cleaning Supervisors	63	65	2	3.2	0	2	2
61099	All Other Service Supervisors	363	443	80	22.0	7	9	16
62000	Private Household Workers	387	290	-97	-25.1	-9	9	9
62001	Private Household Workers	387	290	-97	-25.1	-9	9	9
62021	Cooks, Private Household	*	*	*	*	*	*	*
62031	Housekeepers & Butlers, Private	*	*	*	*	*	*	*
62041	Childcare Workers, Private Household	133	116	-17	-12.8	-2	5	5
62051	Cleaners & Servants, Private Household	228	160	-68	-29.8	-6	4	4
63000	Protective Service Occupations	1,303	1,728	425	32.6	39	35	74
63001	Protective Service Occupations	1,303	1,728	425	32.6	39	35	74
63002	Fire Inspectors	*	*	*	*	*	*	*
63005	Forest Fire Inspectors & Prevention	*	*	*	*	*	*	*
63008	Fire Fighters	159	189	30	18.9	3	6	9
63011	Police Detectives & Investigators	*	*	*	*	*	*	*
63014	Police Patrol Officers	257	339	82	31.9	7	11	18
63017	Correction Officers	144	228	84	58.3	8	2	10
63021	Parking Enforcement Officers	*	*	*	*	*	*	*
63023	Bailiffs	*	*	*	*	*	*	*
63026	U.S. Marshalls	*	*	*	*	*	*	*
63028	Criminal Investigators, Federal	*	*	*	*	*	*	*
63032	Sheriffs & Deputy Sheriffs	68	91	23	33.8	2	1	3
63035	Detectives, Except Public	*	*	*	*	*	*	*
63041	Fish & Game Wardens	*	*	*	*	*	*	*
63044	Crossing Guards	*	*	*	*	*	*	*
63047	Guards	539	733	194	36.0	18	10	28
63099	Other Protective Service Occupations	53	55	2	3.8	0	4	4
65000	Food, Beverage Preparation & Service Occupations	5,335	5,984	649	12.2	57	135	192
65001	Food & Beverage Preparation/Service Occupations	5,335	5,984	649	12.2	57	135	192
65002	Hosts & Hostesses: Restaurant/Lounge/Coffee Shop	100	116	16	16.0	1	3	4
65005	Bartenders	128	122	-6	-4.7	-1	4	4
65008	Waiters & Waitresses	755	835	80	10.6	7	34	41
65011	Food Servers	*	*	*	*	*	*	*
65014	Dining Room, Cafeteria Attendants & Bar Helpers	250	275	25	10.0	2	10	12
65017	Counter Attendants, Lunchroom, Cafeteria	145	139	-6	-4.1	-1	9	9
65021	Bakers, Bread & Pastry	52	53	1	1.9	0	1	1
65023	Butchers & Meatcutters	114	107	-7	-6.1	-1	3	3
65026	Cooks, Restaurant	373	438	65	17.4	6	9	15
65028	Cooks, Institution or Cafeteria	549	569	20	3.6	2	14	16
65032	Cooks, Fast Food	512	604	92	18.0	8	13	21
65035	Cooks, Short Order	153	183	30	19.6	3	4	7
65038	Food Preparation Workers	671	834	163	24.3	15	8	23
65041	Food Preparation & Service Workers, Fast Food	1,312	1,508	196	14.9	18	15	33
65099	All Other Food Service Workers	209	191	-18	-8.6	-2	7	7
66000	Health Service Occupations	2,258	3,190	932	41.3	84	38	122
66001	Health Service Occupations	2,258	3,190	932	41.3	84	38	122

	0 4 1		ment*			Job Openings			
	Occupational	1994	2005	1994-2			e Annual 1994		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	
66002	Dental Assistants	145	215	70	48.3	6	4	10	
66005	Medical Assistants	186	295	109	58.6	10	3	13	
66008	Nursing Aides, Oderlies & Attendants	1,268	1,782	514	40.5	47	19	66	
66011	Home Health Aides	265	424	159	60.0	14	4	18	
66014	Psychiatric Aides	201	199	-2	-1.0	0	3	3	
66017	Physical & Corrective Therapy Assistants & Aides	68	112	44	64.7	4	2	6	
66021	Occupational Therapy Assistants & Aides	*	*	*	*	*	*	*	
66023	Ambulance Drivers & Attendants, Except EMTs	*	*	*	*	*	*	*	
66026	Pharmacy Assistants	45	55	10	22.2	1	1	2	
66099	All Other Health Service Workers	66	88	22	33.3	2	2	4	
67000	Cleaning & Building Service Occupations	2,517	3,009	492	19.6	45	44	89	
67001	Janitors & Cleaners, Including Maids	2,517	3,009	492	19.6	45	44	89	
67002	Maids & Housekeeping Cleaners	646	695	49	7.6	4	10	14	
67005	Janitors & Cleaners	1,621	2,024	403	24.9	37	30	67	
67008	Pest Controllers & Assistants	63	92	29	46.0	3	1	4	
67099	All Other Cleaning & Building Service Workers	187	198	11	5.9	1	3	4	
68000	Selected Personal Service Occupations	2,002	2,442	440	22.0	38	35	73	
68001	Personal Service Occupations	2,002	2,442	440	22.0	38	35	73	
68002	Barbers	180	126	-54	-30.0	-5	5	5	
68005	Hairdressers, Hairstylists & Cosmetologists	598	548	-50	-8.4	-5	14	14	
68008	Manicurists	*	*	*	*	*	*	*	
68011	Shampooers	*	*	*	*	*	*	*	
68014	Amusement & Recreation Attendants	98	159	61	62.2	6	3	9	
68017	Guides	*	*	*	*	*	*	*	
68021	Ushers, Lobby Attendants, Ticket Takers	45	48	3	6.7	0	1	1	
68023	Baggage Porters & Bellhops	*	*	*	*	*	*	*	
68026	Flight Attendants	*	*	*	*	*	*	*	
68032	Wardrobe & Dressing Room Attendants	*	*	*	*	*	*	*	
68035	Personal & Home Care Aides	82	160	78	95.1	7	2	9	
68038	Child Care Workers	918	1,307	389	42.4	35	10	45	
68041	Funeral Attendants	*	*	*	*	*	*	*	
69000	All Other Service Occupations	72	89	17	23.6	2	2	4	
69001	All Other Service Workers	72	89	17	23.6	2	2	4	
69999	All Other Service Workers	72	89	17	23.6	2	2	4	

			ment*	Chang		Job Openings		
	Occupational	1994	2005	1994-20			e Annual 1994	
Code	Title	Estimated	Projected	Number		Growth	Separations	
00000	Total, All Occupations	91,939	103,444	11,505	12.5	1,026	2,024	3,050
70010	Agriculture, Forestry, Fishing & Related Occupations	3,093	2,872	-221	-7.2	-22	96	96
71000	Farm Operators & Managers	1,530	1,254	-276	-18.0	-25	63	63
71001	Farm Managers	1,530	1,254	-276	-18.0	-25	63	63
71002	Farmers	1,163	914	-249	-21.4	-23	57	57
71005	Farm Managers	367	340	-27	-7.4	-2	6	6
72000	Supervisors: Farming, Forestey & Agricultural	53	63	10	18.9	1	1	2
72001	First Line Agriculture Suprvisors	53	63	10	18.9	1	1	2
72002	First Line Supervisors: Agriculture/Forestry/Fishing	31	43	12	38.7	1	1	2
72008	Supervisors, Farm Workers	*	*	*	*	*	*	*
73000	Forestry & Logging Occupations	55	64	9	16.4	0	1	1
73001	Forestry & Logging Occupations	55	64	9	16.4	0	1	1
73002	Fallers & Buckers	*	*	*	*	*	*	*
73008	Log Handling Equipment Operators	28	30	2	7.1	0	1	1
73011	Logging Tractor Operators	*	*	*	*	*	*	*
73099	All Other Timber Cutting & Related Workers	*	*	*	*	*	*	*
74000	Farm Occupations	726	627	-99	-13.6	-9	17	17
74001	Farm Occupations	726	627	-99	-13.6	-9	17	17
74002	Farm Workers, Excluding Agricultural Services	726	627	-99	-13.6	-9	17	17
75000	Agriculture Related Occupations	*	*	*	*	*	*	*
75001	Agriculture Related Workers	*	*	*	*	*	*	*
75005	Inspectors, Agricultural Production	*	*	*	*	*	*	*
75015	Supervisors, Related Agricultural Occupations	*	*	*	*	*	*	*
77000	Fishers, Hunters & Trappers	*	*	*	*	*	*	*
77001	Fishers, Hunters & Trappers	*	*	*	*	*	*	*
77005	Fishers, Hunters, & Trappers	*	*	*	*	*	*	*
79000	Other Agriculture & Forestry Occupations	724	859	135	18.7	11	14	25
79001	Gardening, Nursery, Greenhouse/Lawn Occupations		859	135	18.7	11	14	25
79002	Forest & Conservation Workers	*	*	*	*	*	*	*
79005	Nursery Workers	49	61	12	24.5	1	1	2
79008	Log Graders & Scalers	*	*	*	*	*	*	*
79011	Graders & Sorters, Agricultural Products	35	35	0	0.0	0	1	1
79017	Animal Caretakers, Except Farm	133	168	35	26.3	3	3	6
79021	Farm Equipment Operators	*	*	*	*	*	*	*
79030	Gardeners & Groundskeepers, Except Farm	242	279	37	15.3	3	3	6
79033	Pruners	*	*	*	*	*	*	*
79036	Sprayers/Applicators	*	*	*	*	*	*	*
79038	Lawn Maintenance Workers	50	75	25	50.0	2	1	3
79806	Veterinary Assistants	28	38	10	35.7	1	1	2
79855	General Farm Workers, Agricultural Services	*	*	*	*	*	*	*
79999	All Other Agricultural, Forestry, Fishing	152	156	4	2.6	0	4	4

CodeTitleEstimatedProjectedNumberPercentGrown00000 Total, All Occupations91,939103,44411,50512.51,0	rage Annual 1994- vth Separations 026 2,024 90 292 0 50 2 9 -5 14 0 19 -1 3	
80001 Precision Production, Craft & Repair Occupations 91,939 103,444 11,505 12.5 1,0 81000 Blue Collar Worker Supervisors 2,230 2,225 -5 -0.2 81001 Blue Collar Worker Supervisors 2,230 2,225 -5 -0.2 81002 First Line Supervisors, Mechanics & Repairers 443 465 22 5.0 81005 First Line Supervisors, Construction 585 527 -58 -9.9 81008 First Line Supervisors, Production 889 886 -3 -0.3 81011 First Line Supervisors, Transportation 128 118 -10 -7.8 81017 First Line Supervisors, Helpers & Laborers 65 80 15 23.1 81099 First Line Supervisors, All Other 120 149 29 24.2	026 2,024 90 292 0 50 2 9 -5 14 0 19	3,050 382 50 50
80001 Precision Production, Craft & Repair Occupations 14,014 15,030 1,016 7.3 81000 Blue Collar Worker Supervisors 2,230 2,225 -5 -0.2 81001 Blue Collar Worker Supervisors 2,230 2,225 -5 -0.2 81002 First Line Supervisors, Mechanics & Repairers 443 465 22 5.0 81005 First Line Supervisors, Construction 585 527 -58 -9.9 81008 First Line Supervisors, Production 889 886 -3 -0.3 81011 First Line Supervisors, Transportation 128 118 -10 -7.8 81017 First Line Supervisors, Helpers & Laborers 65 80 15 23.1 81099 First Line Supervisors, All Other 120 149 29 24.2	90 292 0 50 0 50 2 9 -5 14 0 19	382 50 50
81001 Blue Collar Worker Supervisors 2,230 2,225 -5 -0.2 81002 First Line Supervisors, Mechanics & Repairers 443 465 22 5.0 81005 First Line Supervisors, Construction 585 527 -58 -9.9 81008 First Line Supervisors, Production 889 886 -3 -0.3 81011 First Line Supervisors, Transportation 128 118 -10 -7.8 81017 First Line Supervisors, Helpers & Laborers 65 80 15 23.1 81099 First Line Supervisors, All Other 120 149 29 24.2	0 50 2 9 -5 14 0 19	50
81002 First Line Supervisors, Mechanics & Repairers 443 465 22 5.0 81005 First Line Supervisors, Construction 585 527 -58 -9.9 81008 First Line Supervisors, Production 889 886 -3 -0.3 81011 First Line Supervisors, Transportation 128 118 -10 -7.8 81017 First Line Supervisors, Helpers & Laborers 65 80 15 23.1 81099 First Line Supervisors, All Other 120 149 29 24.2	2 9 -5 14 0 19	
81005 First Line Supervisors, Construction 585 527 -58 -9.9 81008 First Line Supervisors, Production 889 886 -3 -0.3 81011 First Line Supervisors, Transportation 128 118 -10 -7.8 81017 First Line Supervisors, Helpers & Laborers 65 80 15 23.1 81099 First Line Supervisors, All Other 120 149 29 24.2	-5 14 0 19	11
81008 First Line Supervisors, Production 889 886 -3 -0.3 81011 First Line Supervisors, Transportation 128 118 -10 -7.8 81017 First Line Supervisors, Helpers & Laborers 65 80 15 23.1 81099 First Line Supervisors, All Other 120 149 29 24.2	0 19	
81011 First Line Supervisors, Transportation 128 118 -10 -7.8 81017 First Line Supervisors, Helpers & Laborers 65 80 15 23.1 81099 First Line Supervisors, All Other 120 149 29 24.2		14
81017 First Line Supervisors, Helpers & Laborers 65 80 15 23.1 81099 First Line Supervisors, All Other 120 149 29 24.2	_1 3	19
81099 First Line Supervisors, All Other 120 149 29 24.2	-1 3	3
	1 2	3
83000 Inspectors & Related Occupations	3 3	6
[4 11	15
83001 Inspectors, Related Occupations	4 11	15
83002 Inspectors, Testers, & Graders, Precision 134 145 11 8.2	1 3	4
83005 Production Inspectors, Testers 469 499 30 6.4	3 8	11
83008 Transportation Inspectors * * * *	* *	*
83099 All Other Inspectors, Testers & Related 28 32 4 14.3	0 0	0
85000 Mechanics, Installers, Repairers 5,063 5,539 476 9.4	41 118	159
85100 Machinery: Mechanics, Installers, Repairers 2,507 2,595 88 3.5	8 58	66
85110 Industrial Machinery Mechanics 715 809 94 13.2	9 19	28
85112 Machinery Maintenance Mechanics: Textile * * * * *	* *	*
85113 Machinery Maintenance Mechanics: Sewing * * * *	* *	*
85116 Machinery Mechanics: Marine Equipment * * * *	* *	*
85117 Mine Machinery Mechanics 224 125 -99 -44.2	-9 6	6
85118 Machinery Mechanics, Water & Power Plants 104 125 21 20.2	2 3	5
85119 All Other Machinery Maintenance Mechanics 87 74 -13 -14.9	-1 2	
85123 Millwrights 82 92 10 12.2	1 2	2
85126 Refractory Material Repairers * * * *	* *	*
85128 Machinery Maintenance Workers 131 110 -21 -16.0	-2 3	3
85132 Maintenance Repairers, General Utility 1,128 1,217 89 7.9	8 23	31
	22 31	53
	15 15	30
85305 Automotive Body & Related Repairers 209 266 57 27.3	5 5	10
85308 Motorcycle Repairers * * *	* *	*
85311 Bus & Truck Mechanics, Diesel Engine Specialists 214 251 37 17.3	3 4	7
85314 Mobile Heavy Equipment Mechanics 170 149 -21 -12.4	-2 4	4
85317 Rail Car Repairers * * * *	* *	*
85321 Farm Equipment Mechanics 41 44 3 7.3	0 1	1
85323 Aircraft Mechanics * * * *	* *	*
85326 Aircraft Engine Specialists * * * *	* *	*
85328 Small Engine Specialists 27 31 4 14.8	0 1	1
85500 Communications Equipment Mechanics 57 43 -14 -24.6	-1 1	1
85502 Central Office & PBX Installers & Repairers 47 33 -14 -29.8	-1 1	1
85505 Frame Wirers, Central Office * * * *	* *	*
85511 Signal or Track Switch Maintainers * * * *	* *	*
85514 Radio Mechanics * * * *	* *	*
85599 All Other Communications Equipment Mechanics * * * *	* *	*
85701 Electrical & Electronic Equipment Mechanics 562 596 34 6.1	3 13	16
85702 Telephone & Cable TV Line Installers/Repairers 137 150 13 9.5	1 3	4
85705 Data Processing Equipment Repairers * * * *	* *	*
85708 Electronic Home Entertainment Equip. Repairers * * * *	* *	*
85711 Electric Home Appliance & Power Tool Repairers 32 27 -5 -15.6	0 1	1

		Employ		Char		Job Openings		
	Occupational	1994	2005	1994-2			e Annual 1994	
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
85714	Electric Motor, Transformer & Related Repairers	*	*	*	*	*	*	*
85717	Electronics Repairers, Commercial & Industrial	33	34	1	3.0	0	1	1
85721	Powerhouse, Substation, & Related Electricians	*	*	*	*	*	*	*
85723	Electrical Powerline Installers & Repairers	193	227	34	17.6	3	4	7
85726	Station Installers & Repairers, Telephone	*	*	*	*	*	*	*
85728	Electrical Installers/Repairers, Transportation	*	*	*	*	*	*	*
85799	All Other Electrical/Electronic Equip. Mechanics	41	45	4	9.8	0	1	1
85900	Other Mechanics, Installers & Repairers	666	781	115	17.3	9	15	24
85902	Heat, A/C, Refrigeration Mechanics & Installers	171	263	92	53.8	8	4	12
85905	Precision Instrument Repairers	31	35	4	12.9	0	1	1
85908	Electromedical & Biomedical Equipment Repairers	*	*	*	*	*	*	*
85911	Electric Meter Installers & Repairers	*	*	*	*	*	*	*
85914	Camera & Photographic Equipment Repairers	*	*	*	*	*	*	*
85917	Watchmakers	*	*	*	*	*	*	*
85921	Musical Instrument Repairers & Tuners	*	*	*	*	*	*	*
85923	Locksmiths & Safe Repairers	*	*	*	*	*	*	*
85926	Office Machine & Cash Register Services	*	*	*	*	*	*	*
85928	Mechanical Control & Valve Installers & Repairers	*	*	*	*	*	*	*
85932	Elevator Installers & Repairers	26	32	6	23.1	1	1	2
85938	Mobile Home Installers & Repairers	*	*	*	*	*		*
85944	Gas Appliance Repairers	48	30	-18	-37.5	-2	1	1
85947	Coin & Vending Machine Servicers & Repairers	45 *	47	2 *	4.4	0	1	1
85951	Bicycle Repairers		*					*
85953	Tire Repairers & Changers	67	75	8	11.9 *	1 **	2	3
85956 85999	Menders, Garments, Linens & Related		159	12	8.2			4
87000	All Other Mechanics, Installers & Repairers	147 4,378	4,548	170	3.9	1	3 86	100
87000	Construction Trades & Extractive Occupations Construction Trades Workers	1,002	1,208	206	20.6	14 19	30 19	38
87102	Carpenters	873	1,101	228	26.1	21	16	36 37
87102	Ceiling Tile Installers & Acoustical Carpenters	*	*	*	20.1	*	*	*
87108	Drywall Installers	42	51	9	21.4	1	1	2
87111	Tapers	*	*	*	*	*	*	*
87121	Brattice Builders	65	32	-33	-50.8	-3	1	1
87200	Electrical Workers	686	720	34	5.0	3	15	18
87202	Electricians	686	720	34	5.0	3	15	18
87300	Masonry Workers	206	246	40	19.4	3	3	6
87302	Brick Masons	116	142	26	22.4	2	2	4
87308	Hard Tile Setters	*	*	*	*	*	*	*
87311	Concrete & Terrazzo Finishers	58	67	9	15.5	1	1	2
87314	Reinforcing Metal Workers	*	*	*	*	*	*	*
87317	Plasterers	*	*	*	*	*	*	*
87400	Painters & Related Workers	366	492	126	34.4	11	8	19
87402	Painters & Paperhangers, Construction	366	492	126	34.4	11	8	19
87500	Plumbers & Related Workers	415	472	57	13.7	5	8	13
87502	Plumbers, Pipefitters, Steamfitters	351	404	53	15.1	5	6	11
87505	Pipelaying Fitters	*	*	*	*	*	*	*
87508	Pipelayers	59	62	3	5.1	0	2	2
87511	Septic Tank Services & Sewer Pipe Cleaners	*	*	*	*	*	*	*
87600	Floor Related Workers	62	76	14	22.6	1	2	3
87602	Carpet Installers	51	61	10	19.6	1	2	3
87605	Floor Layers, Except Carpet	*	*	*	*	*	*	*
87608	Floor Sanding Machine Operators	*	*	*	*	*	*	*
87700	Road, Rail, Construction, Maintenance	168	186	18	10.7	1	4	5

			ment*	Change		Job Openings		
	Occupational	1994	2005	1994-2			e Annual 1994	
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
87708	Paving, Surfacing, Tamping Equipment Operators	31	40	9	29.0	1	1	2
87711	Highway Maintenance Workers	118	133	15	12.7	1	3	4
87714	Rail-Track Laying & Equipment Operators	*	*	*	*	*	*	*
87800	Other Construction Trades Workers	371	435	64	17.3	5	10	15
87802	Insulation Workers	43	58	15	34.9	1	1	2
87805	Sheet Metal Duct Installers	36	44	8	22.2	1	1	2
87808	Roofers	91	112	21	23.1	2	2	4
87811	Glaziers	*	*	*	*	*	*	*
87814	Structural Metal Workers	49	54	5	10.2	0	1	1
87817	Fence Erectors	*	*	*	*	*	*	*
87899	All Other Construction Trades Workers	100	112	12	12.0	1	3	4
87900	Extractive & Related Workers, Including Blasters	1,102	713	-389	-35.3	-34	17	17
87902	Earth Drillers, Except Oil & Gas	85	55	-30	-35.3	-3	2	2
87905	Blasters & Explosives Workers	54	35	-19	-35.2	-2	1	1
87908	Rock Splitters, Quarry	*	*	*	*	*	*	*
87911	Rotary Drill Operators, Oil & Gas Extraction	*	*	*	*	*	*	*
87914	Derrick Operators, Oil & Gas Extraction	*	*	*	*	*	*	*
87917	Service Unit Operators	*	*	*	*	*	*	*
87921	Roustabouts	*	*	*	*	*	*	*
87923	Roof Bolters	205	126	-79	-38.5	-7	3	3
87941	Continuous Mining Machine Operators	119	73	-46	-38.7	-4	2	2
87943	Mine Cutting & Channeling Machine Operators	58	31	-27	-46.6	-2	1	1
87949	All Other Mining Machine Operators	91	55	-36	-39.6	-3	1	1
87989	All Other Extractive Workers, Except Helpers	356	252	-104	-29.2	-9	5	5
87999	All Other Construction & Extractive Workers	42	45	3	7.1	0	1	1
89000	Precision Production Occupations	1,711	2,041	330	19.3	31	27	58
89100	Metal Workers, Precision	810	990	180	22.2	16	15	31
89102	Tool & Die Makers	351	473	122	34.8	11	7	18
89105	Instrument Makers, Precision	*	*	*	*	*	*	*
89108	Machinists	252	303	51	20.2	5	5	10
89111	Tool Grinders, Filers, Sharpeners	53	62	9	17.0	1	1	2
89114	Pattern & Model Makers, Metal	*	*	*	*	*	*	*
89117	Layout Workers, Metal, Precision	*	*	*	*	*	*	*
89123	Jewelers & Silversmiths	*	*	*	*	*	*	*
89126	Hand Workers, Jewelry, Precision	*	*	*	*	*	*	*
89128	Etchers & Engravers, Precision	*	*	*	*	*	*	*
89132	Sheet Metal Workers	107	97	-10	-9.4	-1	2	2
89135	Boilermakers	*	*	*	*	*	*	*
89199	All Other Precision Metal Workers	*	*	*	*	*	*	*
89300	Woodworkers, Precision	221	328	107	48.4	10	4	14
89302	Pattern & Model Makers, Wood	*	*	*		*	*	*
89305	Pattern Markers, Wood	*	*	*		*	*	*
89308	Wood Machinists	55	81	26		2	1	3
89311	Cabinetmakers & Bench Carpenters	93	158	65		6	2	8
89314	Furniture Finishers	57	64	7		1	1	2
89399	All Other Precision Woodworkers	*	*	*		*	*	*
89500	Textile, Apparel, & Furnishing Workers, Precision	333	355	22		3	3	6
89502	Patternmakers/Layout Workers, Fabric & Apparel	*	*	*		*	*	*
89505	Custom Tailors & Sewers	42	28	-14		-1	0	0
89508	Upholsterers	171	177	6		1	2	3
89511	Shoe & Leather Workers & Repairers, Precision	*	*	*	*	*	*	*
89514	Spotters, Dry Cleaning	*	*	*	*	*	*	*
89517	Pressers, Delicate Fabric	*	*	*	*	*	*	*

(Occupational		ment* 2005	Chang 1994-2			lob Openings e Annual 1994	L-2005
Code	Title	1994 Estimated	Projected	Number			Separations	
89599	All Other Precision Textile, Apparel, Furnishings	67	96	29	43.3	3	1	4
89700	Printing Workers, Precision	45	51	6	13.3	1	0	1
89702	Compositors & Typesetters, Precision	*	*	*	*	*	*	*
89705	Job Printers	*	*	*	*	*	*	*
89707	Electronic Pagination Systems Workers	*	*	*	*	*	*	*
89713	Camera Operators	*	*	*	*	*	*	*
89715	Scanner Operators	*	*	*	*	*	*	*
89717	Strippers, Printing	*	*	*	*	*	*	*
89718	Platemakers	*	*	*	*	*	*	*
89801	Food Workers, Precision	223	224	1	0.5	0	5	5
89802	Slaughterers & Butchers	101	98	-3	-3.0	0	2	2
89805	Bakers, Manufacturing	70	75	5	7.1	0	2	2
89808	Food Batchmakers	44	44	0	0.0	0	1	1
89899	All Other Precision Food & Tobacco Workers	*	*	*	*	*	*	*
89900	Other Precision Workers	79	93	14	17.7	1	0	1
89902	Foundry Mold & Core Makers	*	*	*	*	*	*	*
89905	Molders & Shapers, Except Jewelry/Foundry	*	*	*	*	*	*	*
89908	Patternmakers, Model Makers & Related	*	*	*	*	*	*	*
89914	Photographic Process Workers	*	*	*	*	*	*	*
89917	Optical Goods Workers	*	*	*	*	*	*	*
89921	Dental Laboratory Technicians	*	*	*	*	*	*	*
89999	All Other Precision Workers	*	*	*	*	*	*	*

		Employ		Chan		Job Openings Average Annual 1994-2005		
Code	Occupational Title	1994 Estimated	2005 Projected	1994-2			e Annual 1994 Separations	
				Number				
	Total, All Occupations	91,939	103,444	11,505	12.5	1,026	2,024	3,050
	Operators, Fabricators, & Laborers	19,765	21,264	1,499	7.6	135	443	578
91000	Machine Setters, Set-Up Operators & Tenders	6,762	7,406	644	9.5 5.2	58	149	207
91100	Selected Machine Setters/Operators/Tenders	492	518	26	5.3	2 *	7 *	9 *
91102 91105	Sawing Machine Tool Setters/Operators, M/P Lathe/Turning Machine Tool Setters/Operators, M/P		33		17.9			0
91103	•	28	*	5 *	17.9	0	0	*
	Drilling/Boring Machine Setters/Operators, M/P	*	*	*	*	*	*	*
91111 91114	Milling Machine Setters/Operators, Metal/Plastic							1
	Grinding Machine Setters/Operators, Metal/Plastic	52	52	0	0.0	0	l	1
91117	Machine Tool Cutting Operators/Tenders, Met/Plas	375	397	22	5.9	2	6 22	8 33
91200 91302	Machine Tool Cut & Form Setters/Operators/Tenders	802 81	909 76	107 -5	13.3 -6.2	11		2
	Punching Machine Setters/Operators, Metal/Plas					0	2	4
91305 91308	Press Machine Setters & Operators, Metal/Plastic	104	122	18	17.3	2	2	4
	Shear Machine Setters & Operators, Metal/Plastic	47	53	6	12.8	1	1	2
91311 91314	Extruding & Drawing Setters/Operators, Metal/Plas	58	72	14	24.1 2.2	1	2	3
	Rolling Machine Setters/Operators, Metal/Plastic	45 *	46 *	1 *	2.2	0	1	1 *
91317	Forging Machine Setters/Operators, Metal/Plastic				157			21
91321	Machine Forming Operators Tenders, Metal/Plastic	458	530	72	15.7	7	14	21
91500	Numerical/Combination Machine Setters/Operators	209	302	93	44.5	8	3	11
91502	Numerical Control Machine Operators/Tenders, M/P	88	143	55 *	62.5	5	1	6
91505	Combination Machine Tool Setters/Operators, M/P				20.6			 -
91508	Combination Machine Tool Operators/Tenders, M/P	111	145	34	30.6	3	2	5
91700	Metal Fabricating Machine Setters & Operators	178	209	31	17.4	3	4	/
91702	Welding Machine Setters & Set-up Operators	39	42	3	7.7	0	1	1
91705	Welding Machine Operators & Tenders	72	89	17	23.6	2	2	4
91714 91900	Metal Fabricators, Structural Metal Products Metal S. Plastic Processing Mechine Settors/Operators	67 1,185	78	11 256	16.4 21.6	1 24	1 32	56
91900	Metal & Plastic Processing Machine Setters/Operators	1,185	1,441 124	20	19.2	24	32	
	Plastic Molding Machine Setters & Operators							5 24
91905	Plastic Molding Machine Operators & Tenders	511	600	89	17.4	8	16	
91908	Metal Molding Machine Setters & Operators	59	89	30	50.9	3	2	5 14
91911	Metal Molding Machine Operators & Tenders	202	285	83	41.1	8	6	14
91917	Electric Plating Machine Setters & Operators, M/P	29	41	12	41.4	1	1	Z *
91921	Electric Plating Machine Operators/Tenders, M/P		*		*		*	·.·
91926	Nonelectric Plating Machine Operators/Tenders	* ·	* *	*	т •	, T	*	т Ф
91928	Heating Equipment Setters/Operators, Met/Plas	* ·	* *	*	т •	, T	*	т Ф
91932	Heat Treating Machine Operators & Tenders, M/P	212	224	22	10.4	1 ,	2	 -
91935	Furnace Operators & Tenders	212	234	22	10.4	2 *	3	5
91938 92100	Heaters, Metal & Plastic	32	55	23	71.9	2	0	2
92100	All Other Metal & Plastic Machine Setters/Operators All Other Metal & Plastic Machine Setters	*	*	*	/1.9	*	*	*
92197		*	*	*	*	*	*	*
92198	All Other Metal & Plastic Machine Operators	299	290	-9	-3.0	0		
92302	Woodworking Machine Setters & Operators Sawing Machine Setters & Set-Up Operators	299 *	290	*	-3.0	*	6 *	6
92302	Head Sawyers	*	*	*	*	*	*	*
92308	Sawing Machine Operators & Tenders	153	160	7	4.6	1	3	4
92311	Woodworking Machine Setters & Operators	38	27	-11	-29.0	-1	1	1
								2
92314 92500	Woodworking Machine Operators & Tenders Printing, Binding & Related Occupations	91 150	86 179	-5 29	-5.5 19.3	0 1	2 2	3
92510	Printing, Binding & Related Occupations Printing Press Machine Setters	*	*	*	17.3	*	<i>2</i> *	3 *
		*	*	*	**	*	*	*
92512	Offset Lithographic Press Operators All Other Printng Press Setters & Set-Up Operators	*	*	*	*	*	*	*
92519	An Onici Finning Fless Setters & Set-Up Operators				-1*		-1-	

	Occupational		ment*	Change		Job Openings		
	Occupational	1994	2005	1994-2			e Annual 1994	
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
92522	Specialty Material Printing Machine Setters	*	*	*	*	*	*	*
92524	Screen Printing Machine Setters & Operators	*	*	*	*	*	*	*
92525	Bindery Machine Setters & Set-Up Operators	*	*	*	*	*	*	*
92541	Typesetting/Composing Machine Operators/Tenders	*	*	*	*	*	*	*
92543	Printing Press Machine Operators & Tenders	79	94	15	19.0	1	2	3
92546	Bindery Machine Operators	21	26	5	23.8	0	0	0
92549	All Other Printing, Binding & Related Workers	*	*	*		*	*	*
92701	Textile & Related Setters & Operators	1,192	1,109	-83		-9	20	20
92702	Textile Machine Setters & Set-Up Operators	*	*	*		*	*	*
92705	Textile Machine Operators & Tenders, Winding	82	106	24		2	1	3
92708	Extruding & Forming Machine Operators/Tenders	*	*	*		*	*	*
92714	Textile Bleaching/Dyeing Machine Operators	26	36	10		1	0	1
92717	Sewing Machine Operators, Garment	738	605	-133		-12	12	12
92721	Sewing Machine Operators, Non-Garment	41	33	-8		-1	1	1
92723	Shoe Sewing Machine Operators & Tenders	*	*	*		*	*	*
92726	Laundry/Drycleaning Machine Operators/Tenders	176	181	5		0	4	4
92728	Pressing Machine Operators/Tenders, Textile	109	113	4		0	2	2
92901	Other Machine Setters, Operators/Tenders	2,223	2,394	171		16	53	69
92905	Motion Picture Projectionists	*	*	*	*	*	*	*
92908	Photographic Processing Machine Oprs/Tenders	*	*	*	*	*	*	*
92914	Paper Goods Machine Setters/Set-Up Operators	*	*	*		*	*	*
92917	Cooking Machine Operators, Food/Tobacco	36	46	10		1	1	2
92921	Roasting Machine Operators, Food/Tobacco	14	16	2		0	0	0
92923	Furnace, Kiln or Kettle Operators/Tenders	28	31	3		0	0	0
92926	Boiler Operators & Tenders, Low Pressure	*	*	*	*	*	*	*
92928	Cooling & Freezing Equipment Operators/Tenders	*	*	*	*	*	*	*
92932	Dairy Processing Equipment Operators/Setters	*	*	*		*	*	*
92935	Chemical Equipment Controllers/Operators	48	56	8	16.7	1	2	3
92938	Chemical Equipment Tenders	*	*	*	*	*	*	*
92941	Cutting & Slicing Machine Setters	39	41	2		0	1	1
92944	Cutting & Slicing Machine Operators/Tenders	128	175	47		4	2	6
92947	Painters, Transportation Equipment	34	32	-2		0	1	1
92951	Painting Machine Setters/ Set-Up Operators	54	62	8		1	1	2
92953	Painting Machine Operators/Tenders	118	146	28		3	3	6
92956	Cement & Gluing Machine Operators/Tenders		*				* •	*
92958	Cleaning & Pickling Equipment Operators/Tenders	32	33	1	3.1	0	1	1
92962	Separating & Still Machine Operators/Tenders	152	121	-31		-3 3	5	5
92965	Crushing & Mixing Machine Operators/Tenders	210	243	33		3 *	5 *	8
92968	Extruding & Forming Machine Setters							^
92971	Extruding & Forming Machine Operators/Tenders	91	84	-7		-1	2	2
92974	Packaging & Filling Machine Operators/Tenders	394	391	-3		0	9	9
92997	All Other Machine Setters and Set-Up Operators	30	32	2		0	1	24
92998 93000	All Other Machine Operators & Tenders	687	759	72		7	17	24 88
93000	Handworking Occupations, Including Assemblers	2,396	2,745 128	349		31	57	88
I	Assemblers, Precision	113		15		2	2	- 1
93105 93108	Machine Builders, Assemblers, Precision Fitters, Structural Metal, Precision	37	34	-3		0	1 *	1 *
93108		36	52	17		2	1	2
93111	Electromechanical Equipment Assemblers Electrical, Electronic Equipment Assemblers	30	53	*		*	1 *	ک *
93114	All Other Precision Assemblers, Metal	*	*	*		*	*	*
93197	Hand Workers, Including Assemblers & Fabricators	2,283	2,617	334		29	55	84
93900	Machine Assemblers	2,265	2,017	0		0	1	1
93902	Electrical & Electronic Assemblers	*	۷0 *	*		*	1 *	*
22203	Electrical & Electronic Assemblers			<u> </u>			•	

	Occurational		Employment*		ge	Job Openings Average Annual 1994-2005		
	Occupational	1994	2005	1994-2				
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
93908	Coil Winders, Tapers, & Finishers	118	92	-26	-22.0	-2	3	3
93914	Welders & Cutters	401	434	33	8.2	3	10	13
93917	Solderers & Brazers	*	*	*	*	*	*	*
93921	Pressers, Hand	20	8	-12	-60.0	-1	1	1
93923	Sewers, Hand	*	*	*	*	*	*	*
93926	Cutters & Trimmers, Hand	30	30	0	0.0	0	1	1
93928	Portable Machine Cutters	*	*	*	*	*	*	*
93932	Carpet Cutters, Diagrammers, & Seamers	*	*	*	*	*	*	*
93935	Cannery Workers	*	*	*	*	*	*	*
93938	Meat, Poultry & Fish Cutters & Trimmers, Hand	*	*	*	*	*	*	*
93941	Metal Pourers & Casters, Basic Shapes	91	82	-9	-9.9	-1	2	2
93944	Molders & Casters, Hand	*	*	*	*	*	*	*
93947	Painting, Coating, & Decorating Workers, Hand	42	43	1	2.4	0	1	1
93951	Engraving & Printing Workers, Hand	*	*	*	*	*	*	*
93953	Grinders & Polishers, Hand	54	59	5	9.3	0	1	1
93956	All Other Assemblers & Fabricators	1,018	1,243	225	22.1	20	23	43
93999	All Other Hand Workers	443	555	112	25.3	10	12	22
95000	Plant & System Occupations	348	336	-12	-3.5	-1	7	7
95001	Plant & System Occupations	348	336	-12	-3.5	-1	7	7
95002	Water & Liquid Waste Treatment Operators	104	115	11	10.6	1	2	3
95005	Gas Plant Operators	*	*	*	*	*	*	*
95008	Chemical Plant & System Operators	31	35	4	12.9	0	1	1
95017	Gaugers	*	*	*	*	*	*	*
95021	Power Generating Plant Operators	*	*	*	*	*	*	*
95023	Auxiliary Equipment Operators, Power	*	*	*	*	*	*	*
95028	Power Distributors & Dispatchers	*	*	*	*	*	*	*
95032	Stationary Engineers	*	*	*	*	*	*	*
95099	All Other Plant & System Operators	105	95	-10	-9.5	-1	2	2
97000	Transportation/Material Moving Machine Operators	5,737	5,856	119	2.1	11	102	113
97100	Motor Vehicle Operators	3,204	3,533	329	10.3	30	54	84
97102	Truck Drivers, Heavy	1,583	1,679	96	6.1	9	26	35
97105	Truck Drivers, Light	914	1,045	131	14.3	12	15	27
97108	Bus Drivers, Except School	112	121	9	8.0	1	2	3
97111	Bus Drivers, School	426	490	64	15.0	6	8	14
97114	Taxi Drivers & Chauffeurs	27	38	11	40.7	1	0	1
97117	Driver/Sales Workers	138	154	16	11.6	1	3	4
97199	All Other Motor Vehicle Operators		26	*	25.5	*		^
97300	Rail Transportation Workers	56	36	-20 *	-35.7	-1 *	0 *	0
97302	Railroad Conductors & Yardmaster	*	Ψ.	*	~ *	*	*	т Ф
97305	Locomotive Engineers	*	т ъ	*	т "	- T	~ ~	т 4
97308	Rail Yard Engineers, Dinkey Operators, & Hostlers	*	* *	*	*	* *	*	* *
97317	Railroad Brake, Signal, & Switch Operators	*	т ъ	*	т "	φ 4	*	т 4
97399	All Other Rail Vehicle Operators		0.4		21.7	1		*
97501 97502	Water Transportation & Related Workers	69	84	15	21.7	1	2 *	3
	Captains	*	 	*	*		*	
97505	Mates, Ship, Boat, & Barge	*	*	*	*	*	*	*
97508	Pilots, Ship		40		27.0	1		2
97514	Able Seamen	29	40	11	37.9	I	2	3
97517	Ordinary Seamen & Marine Oilers	*	* *	*	*	*	*	*
97521 97700	Ship Engineers Pilot, Flight Engineer Occupations	*	τ ψ	*		*	*	*
97700	Aircraft Pilots & Flight Engineers	*	*	*	*	*	*	*
97702 97800	All Other Transportation Workers	224	170	-54	-24.1	-5	6	
21000	An Other Transportation Workers	224	1/0	-54	-24.1	-5	O	6

		Employment*		Change		Job Openings		
Occupational		1994	2005	1994-2			e Annual 1994	
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total
97802	Bridge, Lock & Lighthouse Tenders	*	*	*	*	*	*	*
97805	Service Station Attendants	166	120	-46	-27.7	-4	5	5
97808	Parking Lot Attendants	*	*	*	*	*	*	*
97899	All Other Transportation & Related Workers	44	37	-7	-15.9	-1	1	1
97900	Material Moving Equipment Operators	2,160	2,005	-155	-7.2	-14	39	39
97902	Longshore Equipment Operators	*	*	*	*	*	*	*
97905	Tank Car & Truck Loaders	*	*	*	*	*	*	*
97908	Oil Pumpers, Except Well Head	*	*	*	*	*	*	*
97911	Well Head Pumpers	*	*	*	*	*	*	*
97914	Main Line Station Engineers	*	*	*	*	*	*	*
97917	Gas Pumping Station Operators	*	*	*	*	*	*	*
97921	Gas Compressor Operators	*	*	*	*	*	*	*
97923	Excavation & Loading Machine Operators	210	193	-17	-8.1	-2	4	4
97926	Dragline Operators	*	*	*	*	*	*	*
97932	Loading Machine Operators, Underground Mining	88	54	-34	-38.6	-3	2	2
97935	Shuttle Car Operators	170	105	-65	-38.2	-6	3	3
97938	Grader, Dozer, & Scraper Operators	348	295	-53	-15.2	-5	6	6
97941	Hoist & Winch Operators	*	*	*	*	*	*	*
97944	Crane & Tower Operators	98	104	6	6.1	1	2	3
97947	Industrial Truck & Tractor Operators	662	734	72	10.9	7	14	21
97951	Conveyor Operators & Tenders	60	47	-13	-21.7	-1	14	1
		*	*	**	-21.7	*	*	*
97953 97956	Pump Operators		150					2
97936	Operating Engineers	162 193	159 198	-3 5	-1.9 2.6	0 0	3	3
	All Other Material Moving Equipment Operators							3
97999	All Other Transportation/Material Moving Operators	37 4 533	26	-11	-29.7	-1	1	164
98000	Helpers, Laborers, & Material Movers, Hand	4,522	4,921	399	8.8	36	128	164
98100	Helpers, Laborers, & Hand Movers	210	205	-5	-2.4	0	7	7
98102	Mechanic & Repairer Helpers	210	205	-5	-2.4	0	7	22
98300	Helpers, Construction Trades	587	690	103	17.6	8	14	22
98311	Helpers, Brick & Stone Mason	68	95	27	39.7	2	2	4
98312	Helpers, Carpenters & Related	198	255	57	28.8	5	5	10
98313	Helpers, Electricians & Related	99	98	-1	-1.0	0	2	2
98314	Helpers, Painting & Paperhanging		100		20.2			*
98315	Helpers, Plumbers & Related	78 *	100	22	28.2	2	2	4
98316	Helpers, Roofers		*		*			*
98319	Helpers, All Other Construction Trades	109	99	-10 *	-9.2 *	-1	3	3
98323	Helpers, Extractive Workers		*			*	* •	*
98500	Machine Feeders & Offbearers Total	370	416	46	12.4	4	9	13
98502	Machine Feeders & Offbearers	370	416	46		4	9	13
98700	Freight, Stock, & Material Movers, Hand	1,139	1,125	-14		-1	42	42
98702	Stevedores, Except Equipment Operators	*	*	*	*	*	*	*
98705	Refuse Collectors	125	125	0		0	2	2
98799	All Other Freight, Stock, & Material Movers, Hand	1,013	999	-14	-1.4	-1	40	40
98900	All Other Helpers, Laborers, & Movers, Hand	2,216	2,485	269	12.1	25	56	81
98902	Hand Packers & Packagers	697	763	66		6	18	24
98905	Vehicle Washers & Equipment Cleaners	231	262	31	13.4	3	7	10
98999	All Other Helpers, Laborers, & Material Movers	1,288	1,460	172	13.4	16	31	47